

Test by: NewVenture, LLC Ellendale, MN

2019 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] SEDAN, MN

Michael Stamer Farms Michael Stamer, Pope County, MN
56201

Early-Season Test 93 - 98 Day CRM
B2019MNWC02a

Top 30 of 54 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / NA

SOIL DESCRIPTION: Arvilla Sandy Loam sandy loam,
well drained, irrigated

SOIL CONDITION: Conventional W/ Fall Till, high P,
medium K, 7.3 pH, 3.8% OM, 17.0
CEC

PEST MANAGEMENT: Metalica, Laudis, Atrazine, Target,
Bite

FERTILITY - Applied N: 21 Spring, 184 Sidedress

Applied N-P-K (units): 205-0-0

SEEDED - RATE - ROW: May 6 35.1 /A 30" spacing

HARVESTED - STAND: Nov 1 34.0 /A

TEST COMMENTS:

This site was planted relatively early this wet spring. This is a sandy well drained site, which was good for the amount of rain that it had this year. Emergence was near perfect and the final stand was also excellent. The corn was standing well for the most part, but more lodging was noted in the full season test.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
THUNDER	6996 VT2P	VT2P,B	96	250.3	20.4	0	34.3	905	1	
FEDERAL	4580VT2PRIB	VT2P,B	95	248.7	20.3	0	33.9	900	2	
LATHAM	LH4517VT2PRIB	VT2P,B	95	245.0	21.0	0	34.8	882	3	
NK BRAND	NK9738-3220-EZR	3220,B	97	241.5	19.5	1	34.3	879	4	
ANDERSON	609R	RR2	98	241.2	20.4	1	34.3	872	5	
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	240.2	20.4	0	33.9	868	6	
RENK	RK593VT2P	VT2P	96	238.9	20.7	3	34.3	862	7	
HEFTY	H4732VT2P	VT2P	97	238.9	21.2	1	32.9	859	9	
RENK	RK579DGV2P	VT2P,DG,B	98	237.8	20.9	0	32.9	857	10	
TITAN PRO	86-96 2P	VT2P,B	96	237.5	20.6	0	32.4	857	11	
HEFTY	H4332VT2P	VT2P	93	236.6	19.2	0	34.3	862	8	
DEKALB	DKC47-54 RIB GC	STX,B	97	236.3	20.8	0	33.4	852	16	
FEDERAL	4680VT2PRIB	VT2P,B	96	236.2	20.2	0	33.9	855	12	
FEDERAL	4880VT2PRIB	VT2P,B	98	236.1	20.3	0	34.8	854	13	
ENESTVEDT	E658DP RIB	VT2P,B	96	235.6	20.1	0	34.3	853	14	
TITAN PRO	90-94 2P	VT2P,B	94	234.5	19.5	0	33.9	853	15	
PROSEED	1996VT2PRIB	VT2P,B	96	234.4	20.5	0	34.3	847	17	
HEINE	6200VT2PRORIB GC	VT2P,B	95	234.4	21.4	0	34.8	841	20	
DAHLMAN	R48-21VT2PRIB	VT2P,B	96	234.3	20.6	1	33.9	846	18	
LATHAM	LH4657VT2PRIB	VT2P,B	96	233.9	20.9	0	34.8	843	19	
LATHAM	LH4795VT2PRIB	VT2P,B	97	232.2	21.1	0	32.9	836	24	
HEFTY	H4612VT2PRIB	VT2P,B	96	232.1	20.8	0	34.3	837	23	
RENK	RK561DGV2P	VT2P,DG	95	231.8	20.3	0	33.4	839	21	
TITAN PRO	82-95 2P	VT2P,B	95	231.8	20.8	0	34.8	835	25	
AUGUSTA	A2345	3220,B	96	230.8	19.8	0	34.3	838	22	
DAIRYLAND	DS-3550AM	AM	95	230.6	20.9	18	34.3	831	26	
DYNA-GRO	D37VC64	VT2P	97	229.8	20.6	0	33.4	829	27	
THUNDER	6094 VT2P	VT2P,B	94	227.9	20.3	0	34.8	825	28	
HEFTY	H4522VT2PRIB	VT2P,B	95	227.3	20.6	0	34.3	820	30	
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	226.1	19.3	0	34.3	824	29	
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	212.2	22.3	0	34.8	757	54	
				Averages =	229.1	20.4	1	34.0	828	
				LSD (0.10) =	9.3	0.6	ns			
				LSD (0.25) =	4.9	0.3	ns			
				C.V. =	3.9					

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.75

Report Date: 11/03/2019

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Test by: NewVenture, LLC Ellendale, MN

2019 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] SEDAN, MN

Michael Stamer Farms Michael Stamer, Pope County, MN
56201

Full-Season Test 99 - 102 Day CRM
B2019MNWC02b

Top 30 of 45 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / NA

SOIL DESCRIPTION: Arvilla Sandy Loam sandy loam,
well drained, irrigated

SOIL CONDITION: Conventional W/ Fall Till, high P,
medium K, 7.3 pH, 3.8% OM, 17.0
CEC

PEST MANAGEMENT: Metalica, Laudis, Atrazine, Target,
Bite

FERTILITY - Applied N: 21 Spring, 184 Sidedress

Applied N-P-K (units): 205-0-0

SEEDED - RATE - ROW: May 6 35.1 /A 30" spacing

HARVESTED - STAND: Nov 1 33.9 /A

TEST COMMENTS:

This site was planted relatively early this wet spring. This is a sandy well drained site, which was good for the amount of rain that it had this year. Emergence was near perfect and the final stand was also excellent. The corn was standing well for the most part, but more lodging was noted in the full season test.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
HEINE	6550VT2PRO GC	VT2P	99	256.0	21.3	0	33.4	920	1	
FEDERAL	5000VT2P	VT2P	100	255.6	21.7	0	33.8	916	2	
LATHAM	LH4937VT2PRIB	VT2P,B	99	251.3	21.1	0	34.3	904	3	
FEDERAL	5280VT2PRIB	VT2P,B	102	246.6	21.3	5	33.9	886	4	
RENK	RK608DGV2P	VT2P,DG,B	100	245.7	21.3	0	33.9	883	5	
DAHLMAN	R52-24VT2PRIB	VT2P,B	103	244.4	21.1	0	32.9	879	6	
HEFTY	H5132VT2P	VT2P	101	238.1	21.2	5	33.9	856	7	
LATHAM	EX 5035 VT2P	VT2P	100	238.1	21.5	4	34.3	854	8	
GOLD COUNTRY	99-30RSS	STX,B	99	237.0	21.1	0	33.4	853	9	
TITAN PRO	TP 75-01 SS	STX,B	101	236.9	21.8	0	33.4	848	10	
DAHLMAN	R51-22VT2PRIB	VT2P,B	101	234.3	20.5	0	33.4	847	11	
DEKALB	DKC50-08RIB GC	STX,B	100	234.2	21.4	3	34.3	841	13	
RENK	RK621VT2P	VT2P	102	232.7	21.4	0	33.4	835	14	
HEFTY	H4922VT2PRIB	VT2P,B	99	232.5	20.2	1	34.3	842	12	
FEDERAL	4990VT2PRIB	VT2P,B	99	232.0	21.2	0	34.8	834	15	
HEFTY	H5212VT2PRIB	VT2P,B	102	230.2	21.8	3	32.9	824	16	
DAHLMAN	R50-357SSRIB	STX,B	100	229.3	21.5	0	34.3	822	17	
THUNDER	6902 VT2P	VT2P,B	102	228.6	21.5	0	33.4	820	18	
DAIRYLAND	DS-4000AMXT	AMXT	101	227.3	21.5	8	33.4	816	20	
LATHAM	LH5377VT2PRIB	VT2P,B	100	226.7	20.6	0	33.9	819	19	
GOLD COUNTRY	102-88R2P	VT2P,B	102	225.9	21.7	0	33.4	809	21	
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100	224.3	21.4	0	34.8	805	22	
GOLD COUNTRY	102-07RSS	STX,B	102	223.3	22.5	0	34.8	796	23	
LATHAM	LH5245VT2PRIB	VT2P,B	102	221.0	21.6	1	32.4	792	24	
DAIRYLAND	DS-4019AM	AM,B	99	220.3	21.5	0	34.8	791	26	
ENESTVEDT	E696SS RIB	STX,B	100	219.8	21.4	1	34.8	789	27	
TITAN PRO	92-99 2P	VT2P,B	99	219.3	20.5	3	33.9	792	25	
ANDERSON	611SRC	STX,B	100	218.3	21.4	0	33.4	784	30	
ENESTVEDT	E699DP RIB	VT2P,B	99	217.9	20.9	1	34.8	785	29	
ANDERSON	611VT2P	VT2P,B	100	216.9	19.6	0	34.3	789	28	
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	212.3	22.1	0	32.9	758	39	
				Averages =	224.7	21.3	3	33.9	808	
				LSD (0.10) =	14.4	0.5	ns			
				LSD (0.25) =	7.6	0.3	ns			
				C.V. =	6.1					

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.75

2019 Corn - Minnesota West Central [MNWC]



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RM
ANDERSON	609R	RR2	98
ANDERSON	609VT2P	VT2P,B	98
AUGUSTA	A2345	3220,B	96
DAHLMAN	R47-26VT2PRIB	VT2P,B	94
DAHLMAN	R48-21VT2PRIB	VT2P,B	96
DAHLMAN	R48-28VT2PRIB	VT2P,B	95
DAHLMAN	R49-23VT2PRIB	VT2P,B	98
DAHLMAN	R49-25VT2PRIB	VT2P,B	98
DAIRYLAND	DS-3519AM	AM,B	96
DAIRYLAND	DS-3550AM	AM	95
DAIRYLAND	DS-3715AM	AM,B	98
DAIRYLAND	DS-3750AM	AM	97
DAIRYLAND	DS-3810AM	AM	98
DEKALB	DKC47-54 RIB GC	STX,B	97
DYNA-GRO	D37VC64	VT2P	97
DYNA-GRO	D39VC40	VT2P	98
ENESTVEDT	E658DP RIB	VT2P,B	96
ENESTVEDT	E660SS RIB	STX,B	97
FEDERAL	4580VT2PRIB	VT2P,B	95
FEDERAL	4680VT2PRIB	VT2P,B	96
FEDERAL	4805SSTAX	STX	98
FEDERAL	4880VT2PRIB	VT2P,B	98
GOLDEN HARVEST	G95M41-3010	3010	95
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97
HEFTY	H4332VT2P	VT2P	93
HEFTY	H4522VT2PRIB	VT2P,B	95
HEFTY	H4612VT2PRIB	VT2P,B	96
HEFTY	H4732VT2P	VT2P	97
HEFTY	H4812VT2PRIB	VT2P,B	98
HEINE	6200VT2PRORIB GC	VT2P,B	95
LATHAM	LH4375VT2PRIB	VT2P,B	93
LATHAM	LH4437VT2PRIB	VT2P,B	94
LATHAM	LH4517VT2PRIB	VT2P,B	95
LATHAM	LH4657VT2PRIB	VT2P,B	96
LATHAM	LH4795VT2PRIB	VT2P,B	97
NK BRAND	NK9227-3220A-EZR	3220,A,B	92

Company/Brand	Brand/Product	Technology	RM
NK BRAND	NK9610-3010	3010	96
NK BRAND	NK9738-3220-EZR	3220,B	97
PIONEER	P0157AMXT CK	AMXT,AQ,B	101
PIONEER	P9492AM GC	AM,B	94
PROSEED	1996VT2PRIB	VT2P,B	96
PROSEED	1998VT2PRIB	VT2P,B	98
RENK	RK561DGVT2P	VT2P,DG	95
RENK	RK579DGVT2P	VT2P,DG,B	98
RENK	RK587VT2P	VT2P,B	97
RENK	RK593VT2P	VT2P	96
THUNDER	6094 VT2P	VT2P,B	94
THUNDER	6098 VT2P	VT2P,B	98
THUNDER	6595 VT2P	VT2P,B	95
THUNDER	6993 VT2P	VT2P,B	93
THUNDER	6996 VT2P	VT2P,B	96
TITAN PRO	82-95 2P	VT2P,B	95
TITAN PRO	86-96 2P	VT2P,B	96
TITAN PRO	90-94 2P	VT2P,B	94

2019 Corn - Minnesota West Central [MNWC]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
ANDERSON	611SRC	STX,B	100
ANDERSON	611VT2P	VT2P,B	100
AUGUSTA	A3052	3110	102
DAHLMAN	R50-357SSRIB	STX,B	100
DAHLMAN	R51-22VT2PRIB	VT2P,B	101
DAHLMAN	R52-24VT2PRIB	VT2P,B	103
DAIRYLAND	DS-4000AMXT	AMXT	101
DAIRYLAND	DS-4018AM	AM,AQ,B	101
DAIRYLAND	DS-4019AM	AM,B	99
DEKALB	DKC50-08RIB GC	STX,B	100
ENESTVEDT	E696SS RIB	STX,B	100
ENESTVEDT	E699DP RIB	VT2P,B	99
FEDERAL	4880SSTAX	STX,B	99
FEDERAL	4990VT2PRIB	VT2P,B	99
FEDERAL	5000VT2P	VT2P	100
FEDERAL	5280VT2PRIB	VT2P,B	102
GOLD COUNTRY	101-60RSS	STX,B	101
GOLD COUNTRY	102-07RSS	STX,B	102
GOLD COUNTRY	102-88R2P	VT2P,B	102
GOLD COUNTRY	99-30RSS	STX,B	99
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
HEFTY	H4922VT2PRIB	VT2P,B	99
HEFTY	H4933VT2PDGRIB	VT2P,DG,B	99
HEFTY	H5132VT2P	VT2P	101
HEFTY	H5212VT2PRIB	VT2P,B	102
HEINE	6550VT2PRO GC	VT2P	99
INTEGRA	5081 GC	VT2P,DG,B	100
LATHAM	EX 5035 VT2P	VT2P	100
LATHAM	LH4937VT2PRIB	VT2P,B	99
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100
LATHAM	LH5245VT2PRIB	VT2P,B	102
LATHAM	LH5377VT2PRIB	VT2P,B	100
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK9930-3010	3010	99
PIONEER	P0157AMXT CK	AMXT,AQ,B	101

Company/Brand	Brand/Product	Technology	RM
PIONEER	P9998AMXT GC	AMXT,AQ,B	99
RENK	RK604SSSTX	STX,B	102
RENK	RK608DGV2P	VT2P,DG,B	100
RENK	RK621VT2P	VT2P	102
RENK	RK626SSSTX	STX	102
THUNDER	6902 VT2P	VT2P,B	102
THUNDER	6999 VT2P	VT2P,B	99
TITAN PRO	92-99 2P	VT2P,B	99
TITAN PRO	TP 75-01 SS	STX,B	101

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

* The refuge component genetics may vary in a refuge blend seed product.